

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,401
Source: PCT
Date Processed by STIC: 7/7/06

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PCT

RAW SEQUENCE LISTING

DATE: 07/07/2006

PATENT APPLICATION: US/10/533,401

TIME: 14:30:40

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\07072006\J533401.raw

3 <110> APPLICANT: Abbas, Alex
 4 Bodary, Sarah C.
 5 Clark, Hilary
 6 Schoenfeld, Jill
 7 Wood, William I.
 8 Wu, Thomas D.
 10 <120> TITLE OF INVENTION: Compositions and Methods for the Treatment of
 11 Rheumatoid Arthritis
 13 <130> FILE REFERENCE: P1998R1-US
 15 <140> CURRENT APPLICATION NUMBER: US 10/533,401
 16 <141> CURRENT FILING DATE: 2005-04-28
 18 <150> PRIOR APPLICATION NUMBER: PCT/US03/36002
 19 <151> PRIOR FILING DATE: 2003-11-12
 21 <150> PRIOR APPLICATION NUMBER: US 60/425,931
 22 <151> PRIOR FILING DATE: 2002-11-12
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 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
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 38 aaaacagcaa cttgtttgct acttttattt ctgttgattt tttttcttg 200
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pp 6-7

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164 Leu Ala Ala Thr Ser Val Thr Ile Phe Pro Asn Ala Glu Leu Gly
165 35 40 45

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171					65					70					75
173	Pro	Ser	Ser	Phe	Ala	Pro	Val	Ser	Ala	Pro	Arg	Asn	Gln	Thr	Phe
174					80					85					90
176	Thr	Tyr	Met	Gly	Lys	Phe	Ser	Ile	Asp	Pro	Gln	Tyr	Pro	Gly	Ala
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189					155					160					165
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194	Leu	Tyr	Gln	Asp	Pro	Ser	Ala	Phe	Leu	Ser	Ala	Ala	Thr	Thr	Ser
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203	Tyr	Pro	Gly	Phe	Phe	Pro	Ser	Gln	Cys	Gln	Arg	Asp	Leu	His	Gly
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216					290					295					300
218	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Tyr	Asn	Pro	His	His	Leu
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221	Pro	Leu	Arg	Pro	Ile	Leu	Arg	Pro	Arg	Lys	Tyr	Pro	Asn	Arg	Pro
222					320					325					330
224	Ser	Lys	Thr	Pro	Val	His	Glu	Arg	Pro	Tyr	Pro	Cys	Pro	Ala	Glu
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376 <210> SEQ ID NO: 4

377 <211> LENGTH: 361

378 <212> TYPE: PRT

379 <213> ORGANISM: Homo sapiens

381 <400> SEQUENCE: 4

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386      20          25          30
388  Leu Phe Cys Trp Leu Arg Ala Thr Phe Trp Leu Leu Ala Thr Lys
389      35          40          45
391  Arg Arg Lys Gln Gln Leu Val Leu Arg Gly Pro Asp Glu Thr Lys
392      50          55          60
394  Glu Glu Glu Glu Asp Pro Pro Leu Pro Thr Thr Pro Thr Ser Val
395      65          70          75
397  Asn Tyr His Phe Thr Arg Gln Cys Asn Tyr Lys Cys Gly Phe Cys
398      80          85          90
400  Phe His Thr Ala Lys Thr Ser Phe Val Leu Pro Leu Glu Glu Ala
401      95          100          105
403  Lys Arg Gly Leu Leu Leu Leu Lys Glu Ala Gly Met Glu Lys Ile
404      110          115          120
406  Asn Phe Ser Gly Gly Glu Pro Phe Leu Gln Asp Arg Gly Glu Tyr
407      125          130          135
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412  Ser Val Ser Ile Val Ser Asn Gly Ser Leu Ile Arg Glu Arg Trp

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:204; N Pos. 263,1605,1708,1709,1710,1711,1712,1713,1714,1715,1716,1717
Seq#:204; N Pos. 1718,1719,1720,1721,1722,1723,1724,1725,1726,1727,1728
Seq#:204; N Pos. 1729,1730,1731,1732,1733,1734,1735,1736,1737,1738,1739
Seq#:204; N Pos. 1740,1741,1742,1743,1744,1745,1746,1747,1748,1749,1750
Seq#:204; N Pos. 1831,1851,1862,1883,1886,1889,3181

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 07/07/2006

PATENT APPLICATION: US/10/533,401

TIME: 14:30:41

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\07072006\J533401.raw

Seq#:205; Xaa Pos. 84

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/533,401

DATE: 07/07/2006

TIME: 14:30:41

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\07072006\J533401.raw

L:801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:100
M:341 Repeated in SeqNo=7
L:1002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:2050
M:341 Repeated in SeqNo=8
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:45
L:3602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:50
M:341 Repeated in SeqNo=39
L:3643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:15
M:341 Repeated in SeqNo=40
L:6404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:90
L:9015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:1100
L:9175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:2150
M:341 Repeated in SeqNo=100
L:11593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:127 after pos.:1150
M:341 Repeated in SeqNo=127
L:11895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:350
M:341 Repeated in SeqNo=131
L:14258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158 after pos.:400
M:341 Repeated in SeqNo=158
L:15433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:30
L:17038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204 after pos.:250
M:341 Repeated in SeqNo=204
L:17193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205 after pos.:75